IN THE CLAIMS

Please amend claims 1-3, 5-7, 10-14, 16-19, and 21-25 and cancel claims 26-28 as follows:

1. (CURRENTLY AMENDED) An apparatus comprising visual display means, processing means, storage means and memory means; wherein said memory means is configured to store program instructions for updating data in a central database, having a persistent ~~copies~~ copy of an objects that control processing steps, wherein:

a database application makes modifications, in cache, to a transient ~~copies~~ copy of ~~said persistent~~ said objects;

a database thread generates database transaction requests for updating the persistent copy of the ~~modified~~ object in the central database ~~response~~ to reflect said modifications to the transient copy; and

said database transaction requests are processed, in a database transaction request queue ~~of database transaction requests~~, at a lower priority than said modifications to the transient copy, wherein when the transient copy of the object in one client is accessed, any previously existing transient copy of the object in another client is unloaded from the cache of the other client.

2. (CURRENTLY AMENDED) An apparatus according to claim 1, wherein said central database is stored locally or distributed over a network to remote nodes.

3. (CURRENTLY AMENDED) An apparatus according to claim 1, wherein said central database is transaction-oriented.

4. (PREVIOUSLY PRESENTED) An apparatus according to claim 1, wherein said database thread includes an object cache manager.

5. (CURRENTLY AMENDED) An apparatus to claim 4, wherein said object cache manager creates said transient ~~copies~~ copy in a transient object cache according to permission from a Permit Manager.

6. (CURRENTLY AMENDED) An apparatus according to claim 1, wherein said modifications to the transient ~~copies~~ copy of ~~said persistent~~ the objects ~~are~~ comprises an amendments implemented locally or remotely on said transient ~~copies~~copy.

7. (CURRENTLY AMENDED) An apparatus according to claim 1, wherein transient copy ~~objects are~~ is stored in the main memory of a local or remote database client system or a plurality thereof.

8. (PREVIOUSLY PRESENTED) An apparatus according to claim 1, wherein said database thread is a low priority thread.

9. (CANCELED)

10. (CURRENTLY AMENDED) An apparatus according to claim 1, wherein said database thread identifies and then executes said database transactions requests asynchronously.

11. (CURRENTLY AMENDED) An apparatus according to claim 1, wherein said queued database transactions requests are removed from said database transaction request queue once the said database transaction they respectively define is accomplished.

12. (CURRENTLY AMENDED) A method of updating data in a central database in a computer implemented system comprising:

a database application making modifications, in cache, to a transient ~~copies~~ copy of ~~persistent copies~~ of an objects~~;~~ having a persistent copy in the central database, that controls processing steps;

a database thread generating database transaction requests for updating ~~the~~ a persistent copy of the ~~modified~~ object in the central database ~~response~~ to reflect said modifications to the transient copy; and

processing said database transaction requests, in a database transaction request queue ~~of database transaction requests~~, at a lower priority than said modifications to the transient copy, wherein when the transient copy of the object in one client is accessed, any previously existing transient copy of the object in another client is unloaded from transient object cache of the other client.

13. (CURRENTLY AMENDED) A method according to claim 12, wherein said central database is stored locally or distributed over a network to remote nodes.

14. (CURRENTLY AMENDED) A method according to claim 12, wherein said central database is transaction-oriented.

15. (PREVIOUSLY PRESENTED) A method according to claim 12, wherein said database thread includes an object cache manager.

16. (CURRENTLY AMENDED) A method according to claim 15, wherein said object cache manager creates said transient ~~copies~~ copy in a transient object cache according to permission from a Permit Manager.

17. (CURRENTLY AMENDED) A method according to claim 12, wherein said modifications to the transient ~~copies~~ copy of said ~~persistent~~ objects ~~are~~ comprises an amendments implemented locally or remotely on said transient ~~copies~~copy.

18. (CURRENTLY AMENDED) A method according to claim 12, wherein transient ~~objects are~~ copy is stored in the main memory of a local or remote database client system or a plurality thereof.

19. (PREVIOUSLY PRESENTED) A method according to claim 12, wherein said database thread is a low priority thread.

20. (CANCELED)

21. (CURRENTLY AMENDED) A method according to claim 12, wherein said database thread identifies and then executes said database transactions requests asynchronously.

22. (CURRENTLY AMENDED) A method according to claim 12, wherein said queued database transactions requests are removed from said database transaction request queue once the said database transaction they respectively define is accomplished.

23. (CURRENTLY AMENDED) A computer-readable medium having computer-readable instructions executable by a computer such that, when executing said instructions, a computer will perform the steps of:

making modifications, in cache, to a transient ~~copies~~ copy of an ~~persistent~~ objects that controls processing steps;

generating database transaction requests for updating ~~the~~ a persistent copy of the ~~modified~~ object, in a central database, ~~in response~~ to reflect said modifications to the transient copy; and

processing said database transaction requests, in a database transaction request queue ~~of database transaction requests~~, at a lower priority than said modifications to the transient copy, wherein when the transient copy of the object in one client is accessed, any previously existing transient copy of the object in another client is unloaded from transient object cache of the other client.

24. (CURRENTLY AMENDED) A computer-readable memory system having computer-readable data stored therein, comprising:

a transient ~~copies~~ copy of ~~persistent~~ an objects that controls processing steps, wherein a persistent copy of said object is stored in a central database;

a database thread defining successive data updating processes;

a database request queue for the purpose of indexing said successive data updating processes; and

program instructions to implement said data updating processes.

25. (CURRENTLY AMENDED) A computer-readable memory system according to claim 24, wherein said program instructions are configured to update the objects in ~~a~~ the central database ~~which~~ that has a persistent copyies of the objects that controls processing steps.

26 - 28. (CANCELLED)